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Record

WASHINGTON
UNIVERSITY
IN ST. LOUIS

Vol. 17 No. 11 Nov. 12, 1992

Teachers introduced to African-American way of life, history

When Kennerly Elementary School in south St. Louis County promoted Spirit Day by encouraging students to wear red, invariably, the transfer students bused in from the city refused to participate.

Teachers at the school, which is part of the Lindbergh School District, thought the transfer students were disinterested. Neighborhood students dismissed them as bad sports.

But after taking an intensive course on city life and African-American culture, teachers realized that even grade-school children in the city don't wear red, for fear it will signal allegiance to a gang.

The course, taught by Jack A. Kirkland, associate professor of social work at the George Warren Brown School of Social Work, is designed to help ease racial tensions in the school district, where 20 percent of the 5,000 students are voluntarily bused in from the city. Kirkland, who is African-American, said the five-day course immerses teachers in African-American history, literature, culture and visits to the neighborhoods where the city transfer students live.

"My goal is to help teachers understand the multiplicity of African-American culture and to help them see what it's like to live in the city and go to school in the suburbs," he said.

According to Vic Lenz, assistant superintendent for the Lindbergh School District, Kirkland's program does just that. "This program has been critical in increasing sensitivity among our teachers," said Lenz. "It has helped immensely."

Kirkland designed the program to sensitize suburban teachers to the urban African-American way of life, so they can take a message of understanding back to their county classrooms. "Teachers first have to believe that the African-American culture is equal before they can teach that it is equal," Kirkland said. "Teachers first have to feel comfortable with African-American students before they can effectively engage them in the curriculum."



Jack A. Kirkland, center, associate professor of social work, discusses African-American hairstyles at J.R.'s Beauty Salon with teachers from the Lindbergh School District. Kirkland conducts a course that immerses suburban teachers in African-American culture. The course attempts to ease racial tensions in the district, where 20 percent of the students are transfer students from the city.

Kirkland has taught five courses since the program began last fall. The most recent course ended Nov. 9. So far, about 95 of the district's 340 teachers have participated in the volunteer program, said Lenz.

The program starts with lessons on the history and heritage of African-Americans. Kirkland introduces teachers to

newspapers, books and articles — all from an African-American perspective. He also discusses such leaders as Malcolm X and Louis Farrakhan. There is a session on dispelling myths and another that explores negative role models.

But the program isn't all theory. Kirkland takes the teachers to north St. Louis and East St. Louis, Ill., predomi-

nantly African-American neighborhoods, where they visit a church, a restaurant and a bookstore. They mingle with children at the Mathews-Dickey Boys' Club and talk about the importance of appearance at J.R.'s, a hair salon on Delmar Boulevard in north city that caters to the African-American community.

During last week's course, about 25 teachers crowded into the hair salon while Roosevelt "J.R." Buck, the shop's 30-year-old owner, fielded questions on topics as diverse as hair extenders and the lack of job opportunities for young African-American men. Teachers, having admitted their ignorance on black hair and clothing styles, asked whether shower caps are necessary to maintain a certain hairstyle (they aren't, J.R. said), and what is the significance of parts shaved diagonally (in Africa they were tribal marks, in America they're fads).

Teachers also visited the Progressive Emporium, a store that carries books with African-American themes. Bookstore employee Johnson Lancaster showed the educators, some of whom were librarians, books that offer a "broader perspective" on common topics. Titles ranged from *How to Survive When You're the Only Black in a White Office* and *Great African-American Leaders of Our Time*.

It was the practical side to Kirkland's course that gave Jean Duffy, a 24-year

Interested students flock to election night parties

Interest among Washington University students in the 1992 political campaign — heightened by the first presidential debate on campus Oct. 11 — culminated Nov. 3 as students flocked to "get-out-the-vote" rallies and election night parties.

Students gathered outside The Gargoyle in Mallinckrodt Center on Tuesday afternoon as Captain Nemo, a three-person student rock band, played music and urged students to vote in between songs. The band also gave the audience information about rides to the polls and even ad-libbed one of

their songs with election lyrics, as audience members munched on free pizza and soda.

The non-partisan concert was organized by sophomore Salil Goorha and senior Michael D. Raibman. Sponsors were Student Union, Students for Political Learning, Understanding and Teaching (SPLUT), Chimes, Women's Panhellenic Council and the Washington University Israel Public Affairs Committee. The groups decided to sponsor the concert because "for most of us, this was our first chance to vote in a presidential election," said Raibman. "We

felt we should do something so the groups came together."

Goorha said the students also "wanted to promote awareness about the election. This was a very pivotal election that determines where the country is headed."

Robynn D. Ragland, a first-year law student at the concert, said the event did indeed "bring awareness to the student body." And when students encourage other students to vote, it "brings the message home," she said, because "students feel a common bond."

Nearly 1,300 students at Washington University were registered to vote this fall during three voter-registration drives on campus and through walk-in voter registration provided at the Student Union office. As a comparison, 400 students registered to vote in the 1988 elections during two voter-registration drives on campus.

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'Go call my mom!'

Student interviewed during election coverage

Washington University sophomore Jamie Gray had alerted her mother in Memphis to be sure to watch the Nov. 3 election returns on NBC national news. As one of the main organizers of a student-sponsored election night party in Wohl Center, Gray had learned Monday of NBC's request to broadcast live interviews from a student event on campus.

"I had told my family to look for me in the crowd if NBC broadcast any shots of students at Washington University, but I never expected to be one of the students who would be interviewed," said Gray, a liberal arts major.

Gray and other volunteers from the Congress of the South Forty spent days

preparing Wohl's Friedman Lounge for an onslaught of students. Dressed in a red Washington University sweatshirt and a white political rally hat, Gray was one of several students scurrying to put finishing touches on a room festooned with red, white and blue helium balloons, streamers and political banners.

NBC news correspondent Bob Dotson had been casually discussing politics with a group of students when at 7:05 p.m. he got word that NBC might momentarily move to a live shot from St. Louis. Gray had just said something of interest to Dotson and he invited her to continue the discussion on the NBC interview stools.

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Medical Update

Jewish Hospital and Washington University reaffirm affiliation through new 15-year contract

Jewish Hospital and Washington University have renewed their affiliation with the approval of a new 15-year agreement by the Jewish Hospital Board of Directors. The Washington University Board of Trustees approved the agreement in principle at its last meeting and authorized officers of the School of Medicine to complete the negotiations.

The new contract aligns responsibilities according to the missions of both institutions and positions them to respond to challenges facing medical education, research and patient care.

Approval of the new agreement strengthens the ties between the two institutions and paves the way for the Barnes-Jewish Inc. (BJI) affiliation to proceed beyond the due diligence stage, Phase 1. The development of similar affiliation agreements between the University and both Jewish and Barnes hospitals was a stipulation of BJI Phase 1 negotiations. This new contract between Jewish Hospital and the University satisfies that stipulation. The University and Barnes Hospital reached a new affiliation agreement last March.

"This agreement is the final step in the creation of a solid foundation on which Jewish Hospital, Barnes Hospital and the School of Medicine will build the health care system of the future. And BJI provides the vehicle for Jewish and Barnes hospitals to develop this system in ways that maintain the highest quality patient care while reducing

costs and duplicative services," said Wayne M. Lerner, D.P.H., Jewish Hospital's president.

William A. Peck, M.D., vice chancellor for medical affairs and dean of the School of Medicine, said, "This agreement finalizes the establishment of partnerships between the medical school and its affiliated adult teaching hospitals, the Jewish Hospital of St. Louis and Barnes Hospital. The platform now exists from which the medical school and BJI can meet the health care challenges of the future."

The agreement between the School of Medicine and Jewish Hospital provides for:

- the parties to establish a new Joint Office of Clinical Affairs composed of senior management from both organizations that will work with the clinical chiefs and hospital executives to set and reach joint goals for clinical care, teaching and research;
- continuing Jewish Hospital's independent research programs and its residency and nursing teaching programs;
- Jewish Hospital to share its net revenues with the School of Medicine in order to partially compensate the school

for the costs of the medical direction and teaching services provided by the faculty, division chiefs and department heads;

- strong support of a medical staff composed exclusively of clinicians who will have full- or part-time faculty appointments at the School of Medicine.

The new agreement serves as a master document governing the broad terms of the parties' affiliation. Additional, subsequent negotiations related to specific facets of the new affiliation will be conducted in the coming months.

In a related announcement, Jewish and Barnes hospitals have completed their affiliation agreement, creating with the School of Medicine an organization that will integrate services to reduce costs and improve health care delivery. The two hospitals announced their agreement to begin the affiliation process in March.

The boards of directors of both hospitals have unanimously approved the agreement, and all necessary regulatory approvals are completed. The identities of both institutions will be preserved under the agreement. The parent organization created by the affiliation, BJI, will have management and governance responsibility for the institutions, including, but not limited to, clinical service line planning, human resources policies, budget approvals, managed care relationships and marketing and promotion activities, working in close concert with the institutions' boards on the implementation of these programs. The institutions' boards will continue to be responsible for endowments, fund raising and other activities as described in the affiliation agreement. Six directors from each hospital are serving as directors of BJI.

"The affiliation of Barnes and Jewish hospitals will become the cornerstone for a premier health care system while strengthening each institution's ability to provide quality, cost-effective health care," said Charles F. Knight, BJI chairman. Knight is also chairman of Barnes Hospital.

John P. Dubinsky, board chairman of Jewish Hospital and vice chairman of BJI, said: "Jewish Hospital's participation in this historic agreement not only enhances health care in this region, but

strengthens and preserves the traditions and values that make Jewish Hospital unique."

Both hospitals already have begun to review opportunities for improved health care delivery and eliminating redundancy in operations and administration, including, but not limited to, integrating information services departments. The delivery of all clinical services within the institutions will be planned and developed by BJI and the department heads of the School of Medicine.

"The Barnes-Jewish affiliation already is showing signs of its ability to enhance cost-effective and high-quality health care in the region, and will position the medical center as one of the world's pre-eminent medical institutions," said John J. Finan Jr., Barnes president and chief operating officer.

Lerner praised the affiliation "as a way to bring the two hospitals and Washington University School of Medicine closer together in the pursuit of the best possible care for our patients, combined with world class medical research."

"We are an enthusiastic partner in the efforts of this affiliation to strengthen alliances between the School of Medicine, these two hospitals and the salaried and private-practicing physicians serving on the hospital staffs," added Peck.

"Delivering the highest quality health care in an environment that emphasizes cost control will continue to be a major issue facing our society," Finan and Lerner said in a joint statement. "We are addressing this challenge with specific programs that utilize the best of what our hospitals have to offer, while preserving the unique identities of both Barnes Hospital and Jewish Hospital."

Korsmeyer selected to head new molecular oncology division

Stanley J. Korsmeyer, M.D., has been named chief of the newly formed Division of Molecular Oncology sponsored by the Departments of Internal Medicine and Pathology.

The appointment was announced by John P. Atkinson, M.D., chair of the Department of Internal Medicine, and Emil Unanue, M.D., chair of the Department of Pathology. The new division will fall under the Departments of Medicine and Pathology. As chief, Korsmeyer will be responsible for further developing a research program in cancer biology in those departments.

Molecular oncology is one of two divisions created in the Department of Medicine as an expansion of hematology and oncology programs. Atkinson, Korsmeyer and Timothy Ley, M.D., associate professor of medicine and genetics, will head an effort to choose a clinical chief for the second division, medical oncology.

Korsmeyer plans to continue his research aimed at understanding how genetic abnormalities lead to various forms of leukemia and lymphoma. His work focuses on the role genes play in early development of the immune system's T cells and B cells. Recently, Korsmeyer and his colleagues found that T cell leukemia results when a genetic mix-up early in development mistakenly adds a gene called HOX11 to the wrong chromosome. Another recent finding helps explain the long-standing mystery of how the immune system remembers infections it has encountered in the past; Korsmeyer's lab discovered a cancer-causing gene, Bcl-2, that prolongs the life of certain B cells. These B cells act as a memory bank and trigger a response in the event of a second exposure. The discovery

helps explain how vaccine protection lasts and has implications for treating cancer and immune system abnormalities.

Before coming to Washington University, Korsmeyer conducted research at the



Stanley J. Korsmeyer

National Cancer Institute in Bethesda, Md., where he began as a post-doctoral fellow and became a senior investigator. He joined the Washington University faculty as an

associate professor of medicine and molecular microbiology in 1986 and became a professor in 1990. He has been an associate investigator of the Howard Hughes Medical Institute since 1986.

Korsmeyer is a member of numerous scientific organizations, including the American Society for Clinical Investigation and the Association of American Physicians. He serves on the editorial boards of several medical journals, including Leukemia Research, Cancer Research, and Blood. He serves on the Grant Review Subcommittee of the Leukemia Society of America.

Korsmeyer also is a member of the Pathology B Study Section of the Division of Research Grants for the National Institutes of Health. Study section members review grant applications submitted to the National Institutes of Health and survey the status of research in their scientific fields.

Korsmeyer received his medical degree in 1976 from the University of Illinois in Chicago, then completed his internship and residency at the University of California, San Francisco.

New vision center plans grand opening

Barnes Hospital, part of Washington University Medical Center, will hold a grand opening for The Barnes Vision Center Wednesday, Nov. 18. The new full-service optical shop is located on the main level of Barnes Hospital's east-west corridor and is open from 8:30 a.m. to 5 p.m. Monday through Friday.

Medical center employees receive a 20 percent discount on all vision center purchases. During the grand opening, the first 200 customers to purchase frames at the vision center will receive a free Kodak FunSaver camera.

The vision center offers more than 1,100 types of frames, prescription lenses and eye examinations and contact lens fittings by a staff optometrist.

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Washington
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Washington People

Heritage inspires Fields' writing, teaching

Wayne Fields, Ph.D., professor of English and dean of University College, was the first in his working class family to finish college. In 1968 when a relative asked about his new teaching job as instructor of English at Washington University, Fields mentioned that he would be teaching nine credit hours. Fields was told that a nine-hour day would be long, but at least he wouldn't be working with his hands.

As Fields was growing up, his father worked in road construction. The family packed its things and moved as the road moved. His early childhood was spent in Missouri and parts of Iowa. Later, his father found work steadily, first as a carpenter then as a millwright, in the Quad-City area along the upper Mississippi in Illinois.

Fields attended college at his parents' insistence, receiving a bachelor's degree in 1964 from Augustana College in Rock Island, Ill. — the town where he spent his teen years. The following year, he earned a master's degree from the University of Chicago, before continuing on to earn a doctorate from the same institution.

Fields never set out to become a teacher and never had much regard for school. But the farmers and carpenters and homemakers who were his parents and grandparents believed in education and pushed Fields and his siblings through college. As a child watching his father struggle with seasonal jobs, Fields learned the value of hard work. The fact that teaching does not require manual labor has been something of a personal sticking point for Fields over the years. That's one reason why, for the last 15 summers, he and his family have headed to a rustic cabin on the upper peninsula of Michigan. Instead of simply relaxing, they have spent much of their summers building.

In a 1986 article for Washington University Magazine, titled "Why I Teach," Fields wrote, "I did not choose the title for this essay. It was assigned, made up I suspect, by someone who does not teach. Presumptuous, it implies bizarre behavior about to be justified or self-sacrifice piously explained. We do not often see articles titled 'Why I Manufacture Soda Pop' or 'Why I Am a Neurologist' — the reasons somehow seem obvious enough. But 'Why I Teach,' like 'Why I Wrestle Alligators' or 'Why I Eat Tofu' touches deeper mysteries, not of the nature of such activities, but of the motivation that lies behind them."

He continues, "I never consciously chose to become a teacher. I just became a teacher the way I might have become any number of things, without fanfare or excitement or any evangelical fervor. By the time I walked into my first class I had already worked as a janitor, grocery bagger, farm worker, salesman (of — and in this order — Cloverene salve, Christmas cards, turtles, newspapers, and encyclopedias), construction laborer, gas station attendant, warehouse worker, truck driver, cleaner of other people's attics, sign painter and carpenter. Apart from the last, a job with working conditions pleasant enough and with colleagues as interesting as any I have encountered elsewhere, none of my previous efforts to make money was as reliable or rewarding as teaching." Finally, he says, "I teach, then, not because my students need me, but because I need them, need someone to talk with about the things I read even if I have to force that someone to do the reading."

An expert on American storytelling, Fields grew up in the pre-television days when families read to their children. "I grew up in a family where storytelling was a very important activity. Sometimes it's more important in blue-collar families than wealthy ones. My father believed in labor unions and argued for them, trying to convince people they could work together and improve their lives. Words — stories and arguments — mattered to us."

Fields says he was privileged to witness a wide range of the American experience. As a child, he went both to one-

room schoolhouses and big city schools. "I am irredeemably American," he said. "I've lived all over the country and with a wide range of people. I got as much of my education by accidents of place and time as by schooling."

Colleagues and students say it is Fields' background and breadth of experience that informs his teaching and writing.

Graduate student Ted Munter has taken classes taught by Fields. "The substantive thing about Wayne Fields is that you always get the feeling he's a non-academic talking about the academic," Munter said. "He's very different from his colleagues. He's immediately approachable. He comes

This would prevent him from torturing himself over an unproductive summer. But as he waded the length of the stream, he began to reminisce. He recalled memories of his childhood, his parents and grandparents, his wife and children. The result was *What the River Knows*, a book-length essay of discovery.

Fast on its heels, his second book *The Past Leads a Life of Its Own*, a collection of short fictions, was published. The book is patterned around the life of a boy, who grew up much like the author did, in a series of small towns. Despite these two recent successes, Fields said he doesn't consider himself

a professional writer.

"There's something profoundly amateurish about me and my work," he said. "I don't say that self-deprecatingly. There is a way, in which I want to remain an amateur. I'm not a professional writer. I don't have a position to protect. I came at it late. There are still lots of things I don't do very well, that I never will learn to do very well."

There are some who would disagree. Richard Selzer, author of *Mortal Lessons*, said, "*What the River Knows* ... merits a place among the great books of its kind, those by Thoreau and Annie Dillard."

Book reviewers at *The New York Times* call it "a beautiful, beautiful book." In fact, they enjoyed the book so much that they reviewed it twice. A third reviewer at the newspaper, disappoint-

ed that the book had already been reviewed twice, reviewed it for the *Washington Times*. He wrote, "Beware, reader. This astonishing book is alive ... a masterly achievement in the art of writing about oneself and one's loved ones."

Early laughs over the notion that Fields considers himself an "amateur" writer. "I think the reviews are proof that he's no amateur writer. He's praised for style and the way it was written as well as content. He's a very accomplished writer."

Fields said he believes writing is important for two reasons. "One is that in a free society, it's everybody's obligation to learn how to express, explore and develop ideas as clearly as possible. It's not just the responsibility of the few. It's not just that 'language thing' George Bush keeps talking about," said Fields.

"That's something that most people coming out of working class backgrounds believe, whether they're able to do it or not, whether they've done it or not, they believe that. There is a high regard among lower classes for eloquence in speech. You see it in politics. It's the way problems get rectified, the way you strike some sort of balance. The most prestigiously educated of present day politicians is George Bush. He cares little about clarity, finding the right word, because to him, it's a matter of gesture, wearing the right tie, belonging to the right club. He didn't have to break into the world of power and influence so language isn't a weapon for him, but for the lower classes, it's really important. Jesse Jackson's constituency wants him to speak well. Poor people want their ministers to sound prophetic, powerful. They want their congressmen to be great orators. Lincoln understood all of this," added Fields, who is working on a book titled *A Union of Words: The Eloquence of America's Presidency*.

"The second reason I think it's important, it's the way you compose a self, even if that self is a sort of fiction. There's very little that holds things together for me. For me, composing a line is inseparable from composing a self. It's a lot like work in construction, like my father — taking disparate materials and making something beautiful, important, useful."

Much of Fields' work has been classified by reviewers as autobiographical, including *The Past Leads a Life of Its Own*. Although the book is supposedly fiction, there are many parallels between the characters in the book and Fields' family members. Fields once was quoted as saying, "What's important to me is that certain people, certain kinds of people are not forgotten. I am not an ambitious person. I don't want to be famous. But I don't want people like my parents to be forgotten."

— Deborah Parker



"I got as much of my education by accidents of place and time as by schooling."

from a blue-collar background, but happens to be fabulously well educated and curious. In the most positive way, he carries his background with him."

Gerald Early, Ph.D., professor of English and director of the African and Afro-American Studies program, has co-taught with Fields. "He is a terrific teacher," Early said. "He connects very well with students. It's a great pleasure to see him interact with students. He's a very smart man, but he can communicate his brilliance in a way that's not offputting, but brings people into it. Students are not awed by his brilliance, but they get this sense of common illumination. There's a deep-core humanity in the man himself. He's one of the best teachers I've come across."

Fields, also a specialist in American political rhetoric, has collaborated with Robert Salisbury, Ph.D., Sidney W. Souers Professor of American Government. "What he (Fields) is best at is getting a student to think about what he or she reads," Salisbury said. "He gets them to think about the intentions of the author and see why something works and why it doesn't, why a speech works, what about how it's put together makes it effective," Salisbury said.

Fields has written many articles, which have been published in *American Heritage*, *Newsday* and *Playboy*, among others. He began writing his first book *What the River Knows: An Angler in Midstream* in 1984 at the age of 42.

Up at the family cabin, Fields was supposed to be finishing a book on American literature, but the words would not come. Saddened by the death of the family dog that had been coming to the cabin almost as long as he had, Fields began dwelling on the losses that are inevitable with middle age. He decided to trace a nearby trout stream to its source, fishing and taking notes as he went. It was his intention to write an essay, perhaps, that Field and Stream might buy.

Calendar

Nov. 12-21


Lectures

Thursday, Nov. 12

7:30 a.m. Engineering Alumni Advisory Council Century Club Breakfast, "The Future of Electronic Communications," Jerome Cox, director, Applied Research Laboratory, WU School of Engineering. Lopata Hall Gallery.

Noon. Dept. of Genetics Seminar, "Control of Germline Development in *c. elegans*," Tim Schedl, asst. prof., WU Dept. of Genetics. Room 816 McDonnell Medical Sciences Bldg.

Noon. Dept. of Molecular Biology and Pharmacology Seminar, "Regulation of Mesangial Cell Cyclooxygenase by Lymphokines: Implications for Pharmacological Control," Aubrey Morrison, prof., WU Dept. of Molecular Biology and Pharmacology. Room 3907 South Bldg.

1:10 p.m. George Warren Brown School of Social Work Lecture, "Issues in Developing Leadership in an Urban Area: A St. Louis Case Study," Carolyn Losos, executive director, Leadership St. Louis. Brown Hall Lounge.

4 p.m. Dept. of Earth and Planetary Sciences Charles W. Buescher Memorial Colloquium, "Seismological Constraints on the Fate of Subducting Slabs," Thorne Lay, director, Institute of Tectonics, U. of California, Santa Cruz. Room 102 Wilson Hall.

4 p.m. Dept. of Hematology/Oncology Seminar, "Hematopoietic Stem Cells: Developmental Cellular and Molecular Studies," Ihor Lemischka, Princeton U. Room 8841 Clinical Sciences Research Bldg.

4 p.m. Division of Biology and Biomedical Sciences Student-organized Seminar, "Molecular Mechanisms of Activation of Steroid Receptor Superfamily Members," Bert O'Malley, Dept. of Cell Biology, Baylor College of Medicine, Houston. Erlanger Aud., McDonnell Bldg.

Friday, Nov. 13

9:15 a.m. Pediatric Grand Rounds, "Bone Marrow Transplant for Sickle Cell Disease," Donna Wall, asst. prof., WU Dept. of Pediatrics; director, Bone Marrow Transplant Program, St. Louis Children's Hospital. Clopton Aud., 4950 Children's Place.

Noon. Central Institute for the Deaf Research Seminar, "Phonological and Phonetic Representations in Speech Perception," Allard Jongman, Dept. of Linguistics, Cornell U. Clinic and Research Bldg. Aud., Second Floor, 909 S. Taylor Ave.

Noon. Dept. of Cell Biology and Physiology Seminar, "Surfactant Associated Lectins," Anders Persson, WU assoc. prof. of medicine; Respiratory and Critical Care Division, Dept. of Medicine, Jewish Hospital. Room 423 McDonnell Bldg.

1 p.m. Center for Genetics in Medicine Special Seminar, "Positional Cloning of Disease Genes on the Human X Chromosome," Anthony Monaco, Imperial Cancer Research Fund, U. of Oxford, Institute of Molecular Medicine, John Radcliffe Hospital, Headington, Oxford, England. Room 775 McDonnell Bldg.

1 p.m. School of Engineering and Applied Science Seminar, "3-D Finite-element Analysis of Ultrahigh-density Magnetic Recording Heads," Horng-Shiong Chen, WU electrical engineering graduate student. Room 305 Bryan Hall.

4 p.m. Dept. of Anatomy and Neurobiology Seminar, "Physiological and Computa-

tional Approaches to Pattern Recognition and Visual Attention," David Van Essen, Edison Professor of Neurobiology and head, WU Dept. of Anatomy and Neurobiology. Room 928 McDonnell Bldg.

4 p.m. Dept. of Music Lecture, "On Mozart and Rhetoric," Ellwood Derr, School of Music, U. of Michigan. Room 8 Blewett Hall Annex.

4 p.m. Microbial Pathogenesis Seminar Series, "Hepatocyte Plasma Membrane Receptors for the Circumsporozoite Protein of *Plasmodium falciparum*," Carla Cerami, New York U. Room 775 McDonnell Bldg.

Saturday, Nov. 14

9 a.m. Saturday Morning Neural Science Seminar, "The Mysterious Basal Ganglia: What Do They Do?" J.M. Mink, fellow in pediatric and neurology, WU Dept. of Pediatric Neurology. Erlanger Aud., McDonnell Bldg.

Monday, Nov. 16

3:30 p.m. Dept. of Music Lecture/Recital, "Emily Dickinson and Aaron Copland: A Union of Text and Tone," with lecturer and pianist Ruth Price and sopranos Jerril Roupf and Krystiane Cheetham. Steinberg Hall Aud.

4 p.m. Dept. of Biology Seminar, "Bovine Placental Lactogen, an Alternate Ligand for the Bovine Growth Hormone Receptor," Gwen Krivi, senior science fellow and director, Cellular and Molecular Biology, Monsanto Corporate Research. Room 322 Rebstock Hall.

4 p.m. Dept. of Psychology Colloquium, "Semantic Memory in Alzheimer's Disease," Robert Nebes, Dept. of Psychiatry and Communication, U. of Pittsburgh. Room 102 Eads Hall.

4 p.m. Immunology Program Seminar, "Cells, Molecules, and Signals That Determine T Cell Fate," Dennis Loh, prof. of medicine, genetics, immunology and molecular microbiology, WU School of Medicine. Third Floor Aud., St. Louis Children's Hospital, 400 S. Kingshighway.

4 p.m. Social Thought and Analysis Colloquium, "The Call to Home: African-Americans Reclaim the Rural South," Carol Stack, U. of California, Berkeley. Room 149 McMillan Hall.

4 p.m. Washington University's Program for Women in Science and Medicine presents a Lecture, "Women's Health: Equity in the '90s," Patricia Schroeder, congresswoman, Colorado. Carl V. Moore Aud., 4580 Scott Ave.

8 p.m. School of Architecture's Harris Armstrong Memorial Lecture, "Material Visions," Andrea Leers, architect, Weinzapfel Associates Inc., Boston. Steinberg Hall Aud.

Tuesday, Nov. 17

12:15 p.m. Program in Physical Therapy Brown Bag Research Seminar, "Strength Assessment: A Continuation," Julaine Florence, physical therapist and asst. research prof., WU Dept. of Neurology. Steven J. Rose Conference Room, Third Floor, East Bldg.

4 p.m. Physical Anthropology Group Lecture, "Statistical Metaphors in Functional Morphology," Richard J. Smith, WU Dept. of Anthropology. Room 149 McMillan Hall.

4 p.m. Dept. of Molecular Biology and Pharmacology Special Seminar, "Transgenic Approaches for Studying Adrenergic Neurons," Richard Palmiter, Howard Hughes Medical Institute, Dept. of Biochemistry, U. of Washington School of Medicine, Seattle. Moore Aud., 4580 Scott Ave.

4 p.m. American Culture Studies Institute, the African and Afro-American Studies program and the Dept. of English present a Lecture, "A Native Son Abroad: Richard Wright, From Black Boy to Black Power,"

Amrit Singh, prof. of English, Rhode Island College. Hurst Lounge, Room 201 Duncker Hall.

Wednesday, Nov. 18

8 a.m. Dept. of Obstetrics and Gynecology Grand Rounds, "Non-Surgical Treatment of Urinary Incontinence," Rebecca McAlister, WU Division of Gynecology. Clopton Aud., 4950 Children's Place.

Noon. Marilyn Fixman Clinical Cancer Conference presented by the Jewish Hospital Cancer Committee, "Melanoma-Epidemiology, Diagnosis, Therapies and Prevention," Gordon Philpott, chief of general surgery, and Lawrence Samuels, dermatologist, Jewish Hospital. Brown Room, First Floor, Jewish Hospital, 400 S. Kingshighway.

4 p.m. Dept. of Biochemistry and Molecular Biophysics Seminar, "Carbohydrate Metabolism Regulates Gene Expression in the Liver," Howard Towle, Dept. of Biochemistry, U. of Minnesota, Minneapolis. Cori Aud., 660 S. Euclid.

4 p.m. Dept. of Physics Colloquium, "Supernovae in Binary Stellar Systems," Paul Joss, Massachusetts Institute of Technology. Room 204 Crow Hall.

4 p.m. History of Science Lecture, "The Whole Versus the Machine: Brain Metaphors as Cultural Indicators in Weimar, Germany," Anne Harrington, prof. of history of science, Harvard U. Women's Bldg. Lounge.

4 p.m. Jewish and Near Eastern Studies and the Religious Studies program present a Lecture, "Post-Modern Jewish Thought: One Theologian's View," Eugene Borowitz, prof. of Jewish education and thought, Hebrew Union College-Jewish Institute of Religion, New York. Stix International House.

4 p.m. The Joint Center for East Asian Studies at Washington University and the University of Missouri-St. Louis present a Colloquium, "Fiscal Politics and Reform in China," Jean Oi, assoc. prof., Dept. of Political Science, Harvard U. Room 30 January Hall.

4:30 p.m. Assembly Series Lecture/Performance with protest singer/writer Wolf Biermann. Biermann has been referred to as "the Bob Dylan of Germany." Graham Chapel.

8 p.m. Dept. of English Writer's Colloquium with Visiting Hurst Professor Debora Greger. Hurst Lounge, Room 201 Duncker Hall.

Thursday, Nov. 19

Noon. Dept. of Molecular Biology and Pharmacology Seminar, "Role of Regulatory Subunits in Spatial and Functional Targeting of Protein Ser/Thr Phosphatases," Anna DePaoli-Roach, prof. of biochemistry and molecular biology, Indiana U. Room 3907 South Bldg.

1:10 p.m. George Warren Brown School of Social Work Panel Discussion, "Children at Risk: Campaign Promises and a New Congress," moderated by Nancy Vosler, assoc. prof., George Warren Brown School of Social Work. Brown Hall Lounge.

2:30 p.m. Dept. of Mechanical Engineering Colloquium, "A CFD-based Approach for the Solution of Acoustics, Maxwell and Schroedinger Equations for Scattering Problems," R. Agarwal, program director, McDonnell-Douglas Research Laboratory and affiliate prof., WU Dept. of Mechanical Engineering. Room 100 Cupples II Hall.

4:30 p.m. Dept. of Mathematics Colloquium, "Algebraic K-theory," Daniel Grayson, prof., U. of Illinois-Chicago. Room 199 Cupples I Hall.

8 p.m. Dept. of English Colloquium with Lynn Weiss, visiting prof. Hurst Lounge, Room 201 Duncker Hall.

Friday, Nov. 20

9:15 a.m. Pediatric Grand Rounds, "The Discovery of the Cystic Fibrosis Gene: Ethical Implications," Norman Fost, prof.,

departments of pediatrics and history of medicine; vice chairman, Dept. of Pediatrics; director, Program in Medical Ethics, U. of Wisconsin. Clopton Aud., 4950 Children's Place.

Noon. Dept. of Cell Biology and Physiology Seminar, "PCAM-1, Old Molecule, New Function," Clayton Buck, Wistar Institute, Philadelphia. Room 423 McDonnell Bldg.

1 p.m. School of Engineering and Applied Science Seminar, "Holography: A Major Factor in Photonics Development," Sastry Pappu, WU prof. of mechanical engineering. Room 305 Bryan Hall.



Exhibitions

"Midwest Modern: St. Louis Architecture by Harris Armstrong and Samuel A. Marx." Through Dec. 11. Givens Hall, First Floor. Hours: 9 a.m.-5 p.m. weekdays. For more info., call 935-6200.

School of Fine Arts and Gallery of Art Faculty Show. Exhibition opening: 5 p.m. Nov. 20. Exhibit continues through Jan. 3. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 935-4523.

"Selections From the Gift of Mr. and Mrs. Edwin Grossman." Through Jan. 29. Olin Library, Special Collections, Level 5. Hours: 8:30 a.m.-5 p.m. weekdays. For more info., call 935-5495.

"Unpathed Waters, Undreamed Shores: The World of Renaissance Medical Discovery." Through Jan. 2. Glaser Gallery, School of Medicine Library, Seventh Floor, 660 S. Euclid. Hours: 8 a.m.-10 p.m. weekdays; 1-6 p.m. weekends. For more info., call 362-4239.



Performances

Friday, Nov. 13

8 p.m. Performing Arts Dept. presents "As You Like It" by William Shakespeare (also Nov. 14, same time, and Nov. 15 at 2 p.m.) Edison Theatre. Cost: \$7 for the general public; \$5 for faculty, staff, senior adults and students. For info. and reservations, call 935-6543.

Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and its recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor, title of event, name of speaker(s) and affiliation, and admission cost. Quality promotional photographs with descriptions are welcome. Send items to Melissa Kohne at Box 1070 (or via fax: 935-4259). Submission forms are available by calling 935-8533.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline, holiday schedule, or any other information, please call 935-8533.

Friday, Nov. 20

8 p.m. Edison Theatre "OVATIONS!" Series presents the Maria Benitez Spanish Dance Company (also 8 p.m. Nov. 21 and 2 p.m. Nov. 22). Edison Theatre. Cost: \$20 for the general public; \$15 for WU faculty, staff and senior adults; and \$10 for students. For info. and reservations, call 935-6543.

**Music****Friday, Nov. 13**

8 p.m. Dept. of Music Black Composer Repertory Chorus Concert, directed by Robert Ray. Graham Chapel.

Sunday, Nov. 15

2:30 p.m. Wind Ensemble Concert, directed by Dan Presgrave. Saint Louis Art Museum Theatre.

**Films****Thursday, Nov. 12**

7 and 9 p.m. Filmboard Foreign Series presents "Metropolis." Room 100 Brown Hall. Cost: \$3.

Friday, Nov. 13

7 and 9:30 p.m. Filmboard Feature Series presents "Delicatessen" (also Nov. 14, same times). Room 100 Brown Hall. Cost: \$3.

Midnight. Filmboard Midnight Series presents "Heavy Metal." Room 100 Brown Hall. Cost: \$3.

Monday, Nov. 16

3 p.m. Dept. of Russian presents the film "Private Life." Room 219 South Ridgley Hall. Cost: \$3.

7 and 9 p.m. Filmboard Classic Series presents "Bonnie and Clyde" (also Nov. 17, same times). Room 100 Brown Hall. Cost: \$3.

Tuesday, Nov. 17

7 p.m. Dept. of Asian and Near Eastern Languages and Literatures Japanese Film Series presents "Dreams" (with English subtitles), directed by Akira Kurosawa. Room 219 South Ridgley Hall. Cost: \$3.

Thursday, Nov. 19

7 and 9 p.m. Filmboard Foreign Series presents the film "Ivan's Childhood" (also Nov. 19, same times). Room 100 Brown Hall. Cost: \$3.

Friday, Nov. 20

7 and 9:30 p.m. Filmboard Feature Series presents "Grease" (also Nov. 21, same times). Room 100 Brown Hall. Cost: \$3.

Midnight. Filmboard Midnight Series presents "The Fortune" (also Nov. 21, same time). Room 100 Brown Hall. Cost: \$3.

**Miscellany****Friday, Nov. 13**

11 a.m.-1:30 p.m. School of Medicine Employee Health Service Flu Vaccine for WU medical school employees. Clinical Sciences Research Bldg., Link, South End. Cost: \$5 (cash or check).



Work by photographer Jennifer Colten will be featured in the annual faculty exhibit, which runs through Jan. 3 at the Gallery of Art. Colten's photographs depict folk art that often adorns graves in cemeteries in poor neighborhoods.

Exhibit features work by 50 faculty members

The annual University faculty art exhibit will be held from Nov. 20 to Jan. 3 in the Gallery of Art in Steinberg Hall. An opening reception will be held from 5-7 p.m. Nov. 20 in the gallery.

The faculty show features work by approximately 50 faculty from the School of Fine Arts and the School of Architecture. This year the spotlighted artist is photographer Jennifer Colten, lecturer in fine arts, who will have approximately 10 of her works in the exhibit. Most of her works are color prints.

Colten examines and documents folk art and landscapes in cemeteries. Photographs in the show will be selections from two cemeteries — in St. Louis and New Orleans.

"I am interested in the ways in which people attempt to touch the memory of their kin and the ways in which they actively participate in keeping a private history and cultural heritage alive," says Colten. "The objects used to mark the sites send messages to beloved family members."

"I also am drawn by the profound significance of the crudely made objects and offerings," she says. "These memorials are constructed with genuine love and honor. With plastic flowers, children's toys, wooden hearts painted red, a bed of eggplants, or a portrait mounted to a wooden cross, people work to create a link between their present physical world and the spiritual world beyond."

Colten's work in St. Louis focuses on the Washington Park Cemetery, which is em-

broiled in controversy. Lambert Airport expansion and construction of the Metro Link threatens to wipe out the cemetery. Colten said she hopes her work will help document graves that may soon be gone. There is no longer any owner, manager or caretaker for this landscape, once majestic and dignified in its quiet grace, she said. "The majority of these people are from poor black families without the

resources to do the continual maintenance necessary, or to pay for the relocation of the plots — assuming this were something they would want to do," Colten added.

The gallery is open from 10 a.m.-5 p.m. weekdays and from 1-5 p.m. weekends. The gallery will be closed Nov. 26 and 27, Dec. 25 and Jan. 1, 1993.

For more information, call 935-4523.

Sports**Football**

Last Week's Result: Washington 27, Colorado College 26

This Week: Season complete

Final Record: 4-6

Washington raced to a 27-12 lead and then had to hold on for a one-point win in Colorado Springs. Freshman wide receiver Isaac Mosley, Galesburg, Ill., starred offensively for the Bears, scoring two touchdowns. All-America free safety Michael Lauber, Vandalia, Ohio, scored a 50-yard touchdown on his 22nd career interception. Sophomore Todd Hannum, Maryville, Tenn., led the Bears' running game with 59 yards on 13 carries.

Volleyball

Last Week's Results: Washington 3 (15, 15), Columbia 0 (5, 7, 8); Washington 3 (15, 17, 15), McKendree 0 (2, 15, 8)

This Week: NCAA Regional vs. winner of Wisconsin-LaCrosse/Wisconsin-Whitewater match, 6 p.m. Friday, Nov. 13, Platteville, Wis. NCAA Regional Final, 7 p.m. Saturday, Nov. 14.

Current Record: 36-0

The top-ranked Bears will make their sixth consecutive trip to the 24-team NCAA Division III tournament. They will travel to Platteville, Wis., as top seed of a six-team regional. If victorious, they will advance to the final four.

Last week the Bears won a pair of matches to close the regular season. Junior setter Leslie Catlin, Lawrence, Kan., earned UAA player of the week honors.

Men's Soccer

Last Week's Results: Washington 1, MacMurray 0; Washington 1, Fontbonne 0

This Week: NCAA Quarterfinal vs. Colorado College, 1 p.m. Sunday, Nov. 15, Francis Field.

Current Record: 14-3-3

Washington University captured last weekend's South Central Regional championship. The Bears won their sixth regional crown in eight attempts. Sophomore Kevin Neebes, Cleveland, Ohio, scored the game-winner against MacMurray, while senior back Matt Hillman, Mercer Island, Wash., notched the first goal of his three-year career versus Fontbonne.

Men's and Women's Swimming/Diving

Last Week's Results: (Men's) Washington 66, Northeast Missouri State 39; Washington 57, Millikin 38. (Women's) Washington 64, Northeast Missouri State 47; Washington 65, Millikin 30

This Week: (Men's) Missouri-St. Louis, 6 p.m. Wednesday, Nov. 11, Millstone Pool. (Women's) Idle

Current Record: (Men's) 2-1. (Women's) 3-0

Men's junior newcomer Omar Ahmad, Manchester, Mo., led the Bears to a pair of wins last Friday. Ahmad won the 50 freestyle and the 100 freestyle, as well as swimming the lead leg of the Bears' winning 400 medley relay. Joining Ahmad on the victory stand was freshman Robert Powers, who won the 200 backstroke.

Women's junior Shelli Ulmer, Olathe, Kan., won the 200 breaststroke and the 200 individual medley, and senior Jenny Schulenberg, Red Wing, Minn., set a personal best by winning the 100 freestyle. Junior diver Katie Elson, N. Brunswick, N.J., placed first on both the one- and three-meter boards.

German protest singer Wolf Biermann to give lecture performance

Wolf Biermann, an influential figure of popular culture in the new Germany, will give a lecture performance at 4:30 p.m. Wednesday, Nov. 18, in Graham Chapel. The event, which is part of the Assembly Series, is free and open to the public.

Biermann, often referred to as "the Bob Dylan of Germany," last year won the Georg Buchner Prize, the country's important literary prize given yearly to "writers and poets who write in German ... and have had an important influence in shaping contemporary German culture."

Biermann, exiled from former East Germany, made his career as a writer and performer of satirical and popular songs during the late 1970s and 1980s. When the Berlin Wall fell, one of the first combined German events was a concert for 8,000 people that he gave in the convention center in Leipzig.

He opposed the rapid path of unification, pleading for a more thoughtful, slow merging of the two states. During the Gulf War, he spoke up most forcefully for Israel's defense and against the export of German technology, which contributed to Iraq's ability to fire missiles at Tel Aviv.

The lecture performance is co-sponsored by the Assembly Series, the Department of Germanic Languages and Literatures and by the Goethe-Institut/German Cultural Center. For more information, call 935-4620.

Brain metaphors topic of Assembly Series talk

Anne Harrington, D.Phil., a history of science professor at Harvard University, will give the History of Science Lecture at 4 p.m. Wednesday, Nov. 18, in the Women's Building Lounge. The lecture, titled "The Whole Versus the Machine: Brain Metaphors as Cultural Indicators in Weimar, Germany," is part of the Assembly Series and is free and open to the public.

Harrington, Morris Kahn Associate Professor of the History of Science, is one of a younger generation of historians of science trying to bridge the gap between the history of psychology, physiology and culture. She has written numerous papers on the controversies on mechanistic and holistic views of the brain, the history and social construction of mental illness and the role of language and metaphor in the formation of scientific ideas about the brain and its psychological function.

After graduating summa cum laude in history and science from Harvard University, Harrington received her doctorate in 1985 from the University of Oxford in England. Her honors include the Alexander von Humboldt Postdoctoral Research Fellowship at the Institute for the History of Medicine and the Psychiatric University Clinic at Freiburg University in Germany, and the National Science Foundation Grant in History and Philosophy of Science. She has been awarded a Spencer Foundation Research Grant, which begins January 1993.

The lecture is co-sponsored by the Assembly Series and the Department of Biology. For more information, call 935-4620.

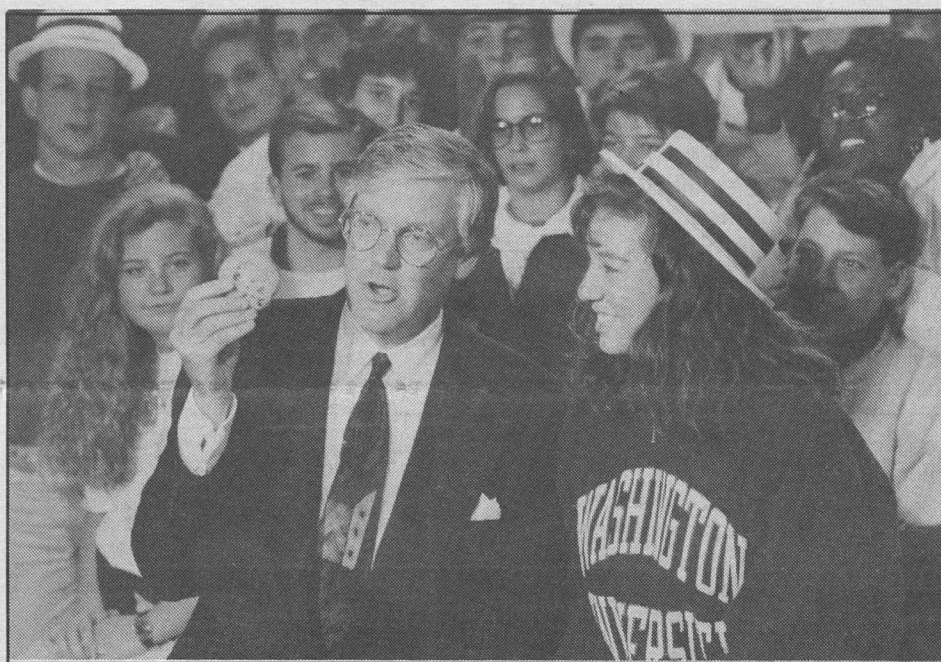
Public policy experts to discuss children at risk

Public policy experts will meet for a postelection discussion on the state of the nation's children and the political action needed to help youth. The panel, titled "Children at Risk: Campaign Promises and a New Congress," is scheduled for 1:10 p.m. Thursday, Nov. 19, in the Brown Hall Lounge at the George Warren Brown School of Social Work.

Nancy R. Vosler, Ph.D., associate professor of social work at Washington University, will serve as moderator. James W. Davis, Ph.D., professor of political science at Washington University, and Rosemary C.



Above: Freshman Julie Koplon (hands in air) and fellow students celebrate after Gov. Bill Clinton tops 270 electoral votes. The students watched the election night coverage in Wohl's Friedman Lounge.



Left: NBC news correspondent Bob Dotson interviews sophomore Jamie Gray during the national election night coverage. Dotson described on air an informal poll in which students at the election night party could choose between platters of broccoli for Bush and chocolate chip cookies for Clinton. Dotson held a chocolate chip cookie and a sprig of broccoli for nearly two hours while he waited for NBC to move its live election night coverage to Washington University. Holding up a cookie, Dotson joked that although the poll was unscientific, there certainly was a lot more broccoli than cookies left on nearby tables.

Many undergraduates register to vote during on-campus drives — from page 1

"There's been an incredible amount of interest in the election among students this year," said Keith Halverstam, a sophomore political science and economics major. "I'd estimate that a fifth of the undergraduate student body registered to vote in one of the on-campus drives, and most of the rest planned to vote absentee ballots."

International students had a chance to observe the American political process firsthand, including an opportunity to cast their votes in a mock election. While gathered at the Stix International House on Tuesday for their regular monthly luncheon, about 180 international students split their votes 24 percent Perot, 32 percent Bush and 44 percent Clinton.

While many students watched the returns from residence hall rooms, others turned out for casual election night viewings sponsored by student groups,

such as the Association of Black Students and the Israel Public Affairs Committee. Students who had been active as volunteers in the political campaigns also attended off-campus rallies sponsored by the candidates.

More than 200 students turned out for a campuswide election night party sponsored by the Congress of the South Forty in the Friedman Lounge of Wohl Center. While the event was non-partisan, an "entrance poll" showed student presidential preferences split along much the same lines as national electoral returns.

Students in Friedman posted a large

map of the nation and tracked the returns by coloring in each state as a candidate claimed its electoral votes. Contests offered prizes to students who most accurately predicted election night milestones, such as which states would be won by which candidates or the time a presidential winner would be announced.

Sponsors also conducted an admittedly "unscientific" survey of voter preferences for "politically-biased" snacks. While Hillary chocolate chips seemed to go faster than Bush broccoli, students easily exhausted supplies of both ballots, as well as large supplies of free pizza, chips and soft drinks.

NBC broadcasts from University — from page 1

As students packed in around the interview area, Dotson issued a good-natured warning that he had been put on "loose standby" — an industry term that meant he might go live in the next two minutes, two hours, or not at all. Gray listened intently as Dotson gave last-minute instructions. She nudged a friend and whispered, "Go call my mom!" All the while, she flashed nervous smiles, made quick waves to friends and waited. Forty-five minutes of small talk later, the pair had not left their seats and the live shot had not yet come.

"Dotson has a 17-year-old daughter who is trying to decide on a college, so we had a lot to talk about," said Gray. "His mother lives in St. Louis and I offered to let his daughter stay in my dorm suite next time she comes to visit her grandmother."

Gray shared the limelight within an

arms reach of Dotson for nearly two hours when at about 8:45 p.m. the wait paid off. NBC news anchor Tom Brokaw announced that election coverage would now move to Washington University in St. Louis, the site of the first presidential debate. Dotson asked Gray how she had voted and why.

In the end, the actual interview consumed little more than three minutes of network programming, but the timing could not have been better for the Gray family. Jamie's mother and other members of her family viewed the segment from a Memphis hospital where her 75-year-old grandmother was recovering from heart surgery.

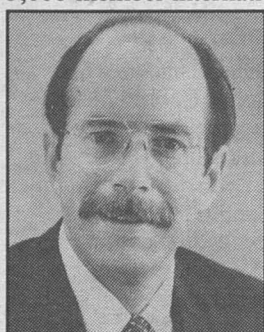
"They told me that it really cheered my grandmother up when she saw the interview," said Gray, "and I hear she's doing just fine."

— Gerry Everding

Ackerman receives Gold Medal Award

Joseph J.H. Ackerman, Ph.D., professor and chair of the Department of Chemistry, has received the 1992 Gold Medal Award from the Society of Magnetic Resonance in Medicine (SMRM) at the society's 11th annual meeting in Berlin, Germany.

Founded in 1981, the society is a 3,000-member international organization that focuses on basic magnetic resonance science with biomedical applications.



Joseph J.H. Ackerman

The Gold Medal is SMRM's highest award for outstanding scientific achievement and is given for "pioneering contributions to magnetic resonance in medicine." Previous award winners include Paul Lauterbur, Ph.D., who introduced magnetic resonance imaging, and Richard Ernst, Ph.D., the 1991 Nobel Laureate in chemistry.

In 1978 Ackerman, a physical chemist, was a National Institutes of Health postdoctoral fellow at the University of Oxford in England. There he introduced the concept of "surface coils" — highly sensitive local nuclear magnetic resonance (NMR) antennas — to observe metabolic chemistry occurring in living animals. This technique ushered in a new era of biomedical NMR spectroscopy and is now applied to humans.

NMR spectroscopy is a versatile research tool that determines the concentration, structure and motional characteristics of molecules. Recently it has been developed into a powerful imaging technique that is widely used in hospitals and clinics.

Since joining the chemistry faculty in 1979, Ackerman and his research group have continued to lead in the development and application of biomedical NMR. They have introduced techniques for measuring blood flow, monitoring metabolic (pathway) activity, enhancing spatial signal resolution, providing absolute metabolite quantification and improving data analysis.

Current application efforts are focused on improving the effectiveness of hyperthermia (heat) in tumor therapy, and determining the primary metabolic dysfunction in sepsis, a bacterial infection.

In addition to the SMRM Gold Medal Award, Ackerman received the William Simpson Award for Excellence in Experimental Oncology from Wayne State University in 1989 and the American Chemical Society's St. Louis Award in 1988.

Limited smoking policy in effect at Mallinckrodt

The Mallinckrodt Center Advisory Committee has decided upon a limited smoking policy in Mallinckrodt Center. This action is in compliance with the Smoke Free Air Act recently passed by the Missouri Legislature.

All of the public areas in Mallinckrodt Center, with the exception of The Gargoyle, became smoke-free environments Nov. 9. This policy includes the dining areas, lobbies and lounges, elevators, restrooms and hallways.

For The Record

For The Record contains news about a wide variety of faculty and staff scholarly and professional activities.

Of Note

Adam P. Brown, M.D., a resident in neurological surgery, has received the Resident's Award from The American Academy of Neurological Surgery. He received the award for the best original research by a neurosurgery resident in training. His research, conducted in the laboratory of **Jeff W. Lichtman, M.D., Ph.D.**, professor of anatomy and neurobiology, relates to the ability of the nervous system to recover after an illness or injury. ...

"Space-Time Loops: Cityscape," a video by **Van McElwee**, lecturer in performing arts, has been nominated for the German Award for Video Art. The international award is sponsored by the Zentrum für Kunst und Medientechnologie in Karlsruhe, Germany. The video also was shown in a Karlsruhe cathedral and broadcast on German television. ...

The John F. Kennedy Center for the Performing Arts has awarded a \$1,500 scholarship each to **James Nicholson** and **Annamaria Pileggi**, both artists in residence in performing arts, to attend the Kennedy Center/American College Theatre Festival Symposium. Nicholson will attend the symposium in the playwriting area while Pileggi will attend the symposium in the acting area. ...

Stacy E. Sarver, a senior majoring in accounting, has been named a Richard D. Irwin Scholar by Beta Gamma Sigma, the St. Louis-based national honor society for collegiate schools of business. Scholars are selected based on scholastic achievement and other considerations. As a scholar, Sarver attended the 1992 Richard D. Irwin/Beta Gamma Sigma National Seminar in San Diego. ...

Marcia C. Smith, Ph.D., assistant professor of psychology, has received a Fulbright grant to study the dynamics of handwriting among the elderly who have Parkinson's disease. Smith, who will study in the Netherlands, is one of approximately 1,800 Americans who will travel abroad during the 1992-93 academic year as part of the Fulbright Program.

Speaking of

Robert Henke, Ph.D., assistant professor of drama and comparative literature, spoke on "Princes and Clowns, Coraghi and Zanni: Hamlet's Speech to the Players in the Context of the Italian Professional Theater" at the Shakespeare Association of America's meeting held in Kansas City, Mo. He also spoke on "Autolycus as Mountebank: High Culture and the Professional Entertainer in Early Modern Italy and England" at the International Congress on Medieval Studies in Kalamazoo, Mich. ...

Shanti K. Khinduka, Ph.D., dean of the George Warren Brown School of Social Work, recently presented a paper titled "Social Work Education in the U.S.: Changes and Challenges" at a seminar in Penza, Russia. The seminar, titled "Social Work Under the Market Conditions," was sponsored by the Russian Federation of Social Workers and explored social work issues in an emerging market economy. ...

During a conference on Poetics of Japanese Literature at Purdue University, **Marvin H. Marcus, Ph.D.**, associate professor of Japanese, gave an invited talk titled "Approaches to Teaching Japanese Literature." ...

At the annual conference of the German Studies Association held in Minneapolis, Minn., **Stephan K. Schindler, Ph.D.**, assistant professor of Germanic languages and literatures, presented a paper titled "Die Verbotene Lust am Text: Subversives Lesen im 18. Jahrhundert" (The Forbidden

Lust in the Text: Subversive Reading in the 18th Century). ...

Arthur G. Wirth, Ph.D., professor emeritus of education, gave the Charles deGarmo Lecture at the American Educational Research Association's annual meeting held in San Francisco. Wirth's talk was titled "A Reconstituted General Education: The Integration of the Vocational and the Liberal."

On Assignment

The Central Association of College and University Business Officers (CACUBO) has appointed two staff members to its committees. **Denise A. Brejot**, an administrative assistant in physical therapy, has been appointed to the 1993 annual meeting program committee. **David J. Nolan**, associate director of housing, has been named to the St. Louis professional development workshop committee. ...

Charles L. Leven, Ph.D., professor emeritus of economics, spent two weeks at the Ukrainian National Center for Markets and Entrepreneurship in Kiev, where he conferred with center staff, presented lectures and briefing sessions for enterprise managers and others and presented a lecture on "The Role of Local Government in a Capitalist State" at the University of Kiev.

To Press

James A. Schaaf, Ph.D., Lee Hunter Assistant Professor of Mechanical

Design, and **James A. Lammers**, a graduate student and teaching assistant in mechanical engineering, published a paper titled "Geometric Characteristics of the Center-Point Curve Based on the Kinematics of the Compatibility Linkage" in Mechanism Design and Synthesis, the published proceedings from the American Society of Mechanical Engineers' biennial meeting. Lammers presented the paper at the 23rd Biennial Mechanisms Conference held in Scottsdale, Ariz.

Et cetera

The Evanston (Ill.) Art Center exhibited "Artful Nature," a sculpture by **Ronald A. Leax**, associate dean of the School of Fine Arts. As part of the exhibition the site sensitive sculpture transformed itself through natural processes of evaporation and crystallization. He also served as visiting artist at the College of the Atlantic, in Bar Harbor, Maine, where he spent 10 weeks teaching ecology and design. The college exhibited Leax's work titled "The Ontological Library, Chapter 6," during his stay.

Guidelines for submitting copy:

Send your full name, complete title, department, phone number, and highest-earned degree, along with a typed description of your noteworthy activity to *For The Record*, Campus Box 1070. Items must not exceed 75 words. For more information, call 935-5293.

Schoenfeld named associate dean for undergraduate admission

Jane Schoenfeld, former assistant provost at Brandeis University, has been appointed associate dean for undergraduate admission, Dean Harold M. Wingood has announced.

As associate dean, Schoenfeld directs the daily activities of the admission office, including managing 12 admission officers and a publications specialist, as well as oversees recruitment and research projects.

Schoenfeld "is an extraordinarily talented professional whose experience and energy is a great asset to undergraduate admission," said Wingood. "She has a keen insight into the nature of competitive admission and will help Washington University negotiate the increasingly intense struggle to attract and enroll the nation's best students."

In her role as assistant provost at Brandeis University, Schoenfeld increased enrollment in summer programs by 40 percent for the Rabb School of Summer, Special and Continuing Studies. She additionally established Rabb's

English as a Second Language summer program and the school's activities for senior citizens. Schoenfeld also has worked as associate director of admissions at Brandeis



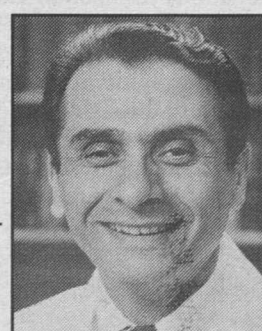
Jane Schoenfeld

and as an assistant director of admissions at Tufts University. Schoenfeld, who has written several articles on college admission strategies for professional journals and college guidebooks, received a bachelor's degree, cum laude, in French language and literature from Tufts University in 1980. She also has taken graduate courses in linguistics, organizational behavior and statistics at Brandeis and in 1990, received a certificate from Harvard University's Institute for Management of Lifelong Education.

Campus Authors

The following is a recent release available at the Campus Bookstore in Mallinckrodt Center on the Hilltop Campus and at the Washington University Medical Bookstore in the Olin Residence Hall. For more information, call 935-5500 (Hilltop Campus) or 362-3240 (Medical School).

In *Why Psychiatry is a Branch of Medicine*, **Samuel B. Guze, M.D.**, Spencer T. Olin professor of psychiatry, clarifies the debate about treating mental illness. He applies the medical model, the traditional way of thinking about disease, to psychiatric disorders, an approach that ties clinical practice and research to the broader perspective of modern biology. In Guze's view, brain function variations are involved in the development of psychopathological syndromes, while at the same time, subjective experiences — cognitive and emotional — are important manifestations of brain physiology in health and disease. Guze's argument emphasizes the need for careful attention to psychiatric diagnosis and to each of three main research strategies inherent in the medical model: the epidemiological, the clinical and the biological. (Oxford University Press)



Opportunities & personnel news

Hilltop Campus

The following is a list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, North Brookings Hall, Room 126, or by calling 935-5990.

Rare Books Catalog Librarian

930056. *Olin Library*. Requirements: MLS degree from ALA- accredited library school; master's degree in the humanities desirable; academic library or equivalent cataloging training or experience with AACR2 and LC classification required; rare books cataloging training or experience; archival and manuscript cataloging experience using AMC format; ability to work with non-English languages and non-Roman alphabets; working knowledge of OCLC and NOTIS or other automated systems; reference training or user service experience; supervisory experience; knowledge of preservation procedures; and knowledge of national and international trends in bibliographic description desirable. Resume and three letters of recommendation required.

Researcher

930061. *Development Services*. Requirements: Bachelor's degree, liberal arts background preferred; strong research and writing skills. Clerical testing, resume and three letters of recommendation required.

Senior Project Leader

930068. *Information Systems*. Requirements: Four years of college; minimum five years data processing experience; proven ability to design, program and install major data processing systems; proven ability to lead others in data processing project development; proven ability to design, write and install MAN-TIS or FOCUS systems. Resume and three letters of recommendation required.

Department Secretary Part-time

930073. *Center for Computer Systems Design*. Requirements: Four years of college; typing 50 wpm with accuracy. Duties: answer telephone, greet callers, maintain calendars and schedules, file maintenance, travel arrangements, typing routine correspondence, classwork; assist in fiscal activities of center — coordinate journal search via Washington University medical school library, assist in annual report preparation, assist in coordination of research progress reviews, coordinate center technical report distribution; assist in departmental accounting procedures; and maintain office supplies. Clerical tests and three letters of recommendation required.

Administrative Coordinator for Academic Affairs

930078. *School of Business*. Requirements: Two years of college, bachelor's degree preferred. Ability to communicate effectively (diplomatically yet assertively when necessary) with faculty, staff, students, administrators and general public; ability to function independently with minimum supervision and ability to take initiative and assume responsibility as necessary; ability to organize, prioritize and work through different projects simultaneously and efficiently; maturity and sound judgment and sensitivity to the handling of confidential information; supervisory skills, university experience accepted in lieu of degree. Resume and three letters of recommendation required.

Library Assistant Part-time

930081. *Olin Library*. Requirements: Two years of college or equivalent experience;

library or audiovisual experience desirable; typing 35 wpm with accuracy; ability to work well with others and to respond to the public in a helpful and courteous manner; some mechanical aptitude; a willingness to learn library automation, microcomputers, and audiovisual equipment is a necessity; a flexible attitude and ability to work under some pressure; willingness to work occasional weekends if necessary; ability to use an IBM PC; experience with WordPerfect and Lotus desirable. Clerical testing and three letters of recommendation required.

Department Secretary

930083. *Alumni and Development Programs*. Requirements: Associate's degree or equivalent. Specialized secretarial or business training; three years general office experience; typing 50 wpm with accuracy; word processing experience or willing to learn; good command of English; alert and well spoken; ability to deal with multiple priorities with minimum supervision; must work and relate well with people. Clerical testing and three letters of recommendation required.

Technical Coordinator

930085. *The Software Library*. Requirements: Associate's degree in computing technology or data processing, or technical school graduate; familiarity with VMS and various UNIX workstations, some system administration experience desired; C programming and data base experience; experience with supporting computer users at various levels; excellent communications and organizational skills; experience in user support for a computer vendor hotline; experience in developing/installing a trouble-ticket system; experience with LANS, WANS and THE INTERNET; experience with USENET NEWS. Application deadline Nov. 15. Resume and three letters of recommendation required.

Administrative Assistant, Career Services

930088. *School of Law*. Requirements: Four years of college, bachelor's degree preferred. Experience in an academic or legal setting preferred; excellent verbal and written communication skills; ability to work well under pressure, work independently and exercise sound judgment; typing 40 wpm with accuracy. Clerical testing and three letters of recommendation required.

Assistant Director of Conference Planning and Guest Housing

930089. *Housing Office*. Requirements: Some college; ability to relate to the public; good oral and written skills; ability to work independently and under pressure; typing 45 wpm with accuracy. Duties: Assist in the overall management of the conference planning, guest housing and summer school housing programs; assist in supervision of the duties and activities of the employees within the three areas; prepare letters of agreement; type correspondence; maintain records of financial and conference transactions; conduct tours of University facilities to prospective clients; assist with publications and mailings; will include some weekend and evening work; some travel involved. Application deadline Nov. 18. Clerical testing and three letters of recommendation required.

Programmer

930091. *Olin Library*. Requirements: Bachelor's degree in computer science; demonstrated experience in coding and debugging C programs; working knowl-

edge of the UNIX environment including TCP/IP networking; knowledge of object-oriented programming technologies such as C++; knowledge of PC programming environments (DOS and WINDOWS); experience implementing client-server applications. Resume and three letters of recommendation required.

Deputized Police Officer

930092. *Campus Police*. Requirements: Must be graduate of accredited police training academy with 600 hours of training; must be certified by the State of Missouri to serve as a police officer. Application and three letters of recommendation required.

Lab Technician

930097. *Department of Biology*. Requirements: Bachelor's degree; research experience; knowledge of physiology and neurobiology. Resume and three letters of recommendation required.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a transfer request may contact the Human Resources Department of the Medical School at 362-4920. External candidates may call 362-7195 for information regarding application procedures or submit a resume to the Human Resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, Mo., 63110.

Laundry Attendant Part-time

921061. Hours: 10 a.m.-2 p.m. Monday through Friday. Possibility of adjusting hours. Laundry and sewing tasks for research and clinical staff. Includes ironing of lab coats and surgical gowns. Requires ability to operate sewing machine to do repairs and alterations.

United Way campaign extended

The United Way of Greater St. Louis has extended this year's campaign in an effort to achieve its \$51 million campaign goal. Likewise, the University's campaign will be extended in order to help meet its portion of the total St. Louis goal.

"This has been a particularly difficult year for many in the community," says Bob Franklin, campaign chair for the University. "It's important that those of us employed at the University use this opportunity to demonstrate the level of our concern. Even if the size of each pledge is

Custodian Part-time

921069. Hours: 4 p.m.-8 p.m. Custodial duties, including primarily floor care maintenance — scrubbing, stripping, buffing. May involve biohazardous waste removal. Experience with floor care machines is preferred, but will consider training a conscientious beginner.

Garage Attendant Part-time

930239. Hours: weekends and second shift (4 p.m.-midnight). Requirements: High school graduate/equivalent; cashier experience and cash reconciliation skills; good interpersonal skills for public contact. Handles cash and makes change following routine procedures and using validation system. Will be responsible for daily shift report. Anticipate similar full-time openings for January 1993.

Staff Psychologist

930252. Full-time non-faculty position. Requires doctorate in clinical psychology or counseling psychology and a Missouri license. Must have skills in psychological, educational, and developmental assessment and previous experience with adolescents and children. One to two years experience preferred.

Phlebotomist Part-time

930289. Hours: 16 hours a week (6 a.m. to 2:30 p.m. on Saturday and Sunday). Must have training or experience in blood drawing by venipuncture or capillary sticks; excellent communication skills; and willingness to work with pediatric patients. Phlebotomy certification preferred.

Veterinary Medical Assistant II

930315. Full-time position. Requirements: High school graduate/equivalent; three years experience in animal care techniques; operating room experience. AHT, AALAS Technologist certification and/or bachelor's degree highly desirable.

small, I hope each of us can respond at some level."

Several areas of the University already have distinguished themselves with high rates of participation and amounts of money raised, including the School of Business, Accounting Services, the Department of Surgery and the Office of Facilities Management at the School of Medicine.

For more information or to receive a pledge card, call 935-5727, or write to Campus Box 1056. Pledges may be made through payroll deduction beginning Jan. 1, 1993.

Program increases teacher sensitivity — from page 1

veteran science teacher with the Lindbergh School District, a better understanding of where the transfer students are coming from, both physically and psychologically. "Today, just being a teacher isn't enough. You have to relate to the students before you can teach them. That's what Kirkland's program helped us do. It's tremendous. I think every teacher in the district ought to take it."

After taking Kirkland's course, teachers better understood their city students, said Lenz. Some examples of change included:

- Teachers followed the actual bus routes city students take each morning, some of which last an hour and start as early as 6:30 a.m. The result: Several schools started a breakfast program for the students and school administrators now understand why some students come to school bleary-eyed.

- Parent-teacher conferences for city children are now held at the Mathews-Dickey Boys' Club, a more convenient location for city parents, especially those without cars. Parents were thrilled, said Lenz.

- The district started a satellite Parents as Tutors Program for the city families, which also meets at the boys club. The program, which links parents with students who need additional academic guidance, has increased parent participation among city families.

Neither Lenz nor Kirkland see the program as a cure-all for the district's racial tensions, but both acknowledge it's making a difference.

"It's working," said Lenz. "The teachers have a greater sensitivity — something the students definitely pick up on."

— Nancy Mays